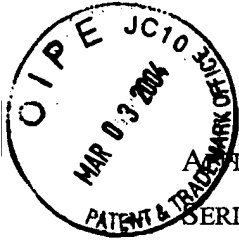


03-04-04

Express Mail Label No.: EV 392154485 US  
Date of Deposit: March 3, 2004

Attorney Docket No.: 24334-003 NATL



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Caduff, et al.  
SERIAL NUMBER: 10/656,997 EXAMINER : Not Yet Assigned  
FILING DATE: September 5, 2003 ART UNIT : 1743  
FOR: IMPEDANCE SPECTROSCOPY BASED SYSTEMS AND METHODS

**Mail Stop IDS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:

1. Supplemental Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (1 page), in duplicate;
3. Copies of Cited References: A11-15; B18-27; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 24334-003 NATL. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

C. Eric Schulman, Esq., Reg. No. 43,350  
Attorney(s) for Applicants  
MINTZ, LEVIN, COHN, FERRIS,  
GLOVSKY and POPEO, P.C.

Address all written correspondence to

**Customer no.: 30623**

Tel: (617) 542-6000

Fax: (617) 542-2241

Date: March 3, 2004



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Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449.

This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Supplemental Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: Caduff, et al.  
U.S.S.N.: 10/656,997

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 24334-003 NATL.

Respectfully submitted,



C. Eric Schulman, Esq., Reg. No. 43,350

Attorney(s) for Applicants

MINTZ, LEVIN, COHN, FERRIS,

GLOVSKY and POPEO, P.C.

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Tel: (617) 542-6000

Fax: (617) 542-2241

Date: March 3, 2004

TRA 1890137v1

Please type a plus sign (+) in this box

+



Modified Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/656,997
Filing Date	September 5, 2003
First Named Inventor	Caduff
Group Art Unit	1743
Examiner Name	Not Yet Assigned
Attorney Docket Number	24334-003 NATL

**U.S. PATENT DOCUMENTS**

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A11	4,965,206	10/23/90	Kell	435	291	
	A12	6,028,433	02/22/00	Cheiky-Zelina, et al.	324	663	
	A13	6,182,504 B1	02/06/01	Gaisford	73	61.43	
	A14	6,320,393	11/20/01	Yasui, et al.	324	663	
	A15	6,517,482 B1	02/11/03	Elden, et al.	600	309	

**U.S. PUBLISHED APPLICATION DOCUMENTS**

Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
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**FOREIGN PATENT DOCUMENTS**

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B18	WO 93/18395	Christopher Barnes	09/16/93	Yes
	B19	WO 93/18402	UNIVERSITY COLLEGE OF WALES, ABERYSTWYTH	09/16/93	Yes
	B20	WO 01/36952 A1	DELFIN TECHNOLOGIES LTD.	05/25/01	Yes
	B21	WO 02/069791 A1	PENDRAGON MEDICAL LTD.	09/12/02	Yes
	B22	WO 02/073179 A1	HALL EFFECT TECHNOLOGIES LTD.	09/19/02	Yes
	B23	GB 2 033 575 A	Peter Rolfe	05/21/80	Yes
	B24	GB 2 055 206 A	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	02/25/81	Yes
	B25	GB 2 100 864 A	Peter Rolfe	01/06/83	Yes
	B26	DE 30 17 168 A1	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	11/12/81	No
	B27	SU 1698724 A1	AS USSR RADIO ELTRN INST.; UNIV. MOSC. LOMONOSOV	12/15/91	Abstract only

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
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A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.